



PATENT
TS0932 (US)
CWS:EM

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Charles W. Stewart
Charles W. Stewart
Date: April 15, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of)
EDWARD J. CREYGHTON and)
CORNELIS OUWEHAND)
Serial No. 10/720,619)
Filed November 24, 2003)
HYDROCRACKING CATALYST)

Group Art Unit: 1764

COMMISSIONER FOR PATENTS
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Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.56 AND 1.97

It is respectfully requested that the documents listed on the attached Form PTO-1449 be considered by the Patent and Trademark Office in the above-entitled application and made of record therein. Full text copies of the relevant documents are enclosed.

The Examiner is requested to indicate consideration of this art on the attached PTO-1449 (Modified) by initialing next to each item submitted by the Applicant.

Respectfully submitted,

EDWARD J. CREYGHTON and
CORNELIS OUWEHAND

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FORM PTO-1449 (Modified)

ATTY. DOCKET NO.
TS0932 (US)APPLICATION NUMBER
10/720,619LIST OF INFORMATION PROVIDED
BY APPLICANTAPPLICANT
E. J. Creighton et al.

(Use several sheets if necessary)

FILING DATE
November 24, 2003GROUP ART UNIT
1764

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Initial	Document No.	Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL	0,421,422 A2	4/10/91	Europe	C01B	33/34		
	AM							
	AN							

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

AR	"Adsorption of Gases in Multimolecular Layers," by Stephen Brunauer, P. H. Emmett and Edward Teller, <i>J. Am. Chem. Soc.</i> , 60, 309 (1938) pp. 309-319
AS	"Studies on Pore Systems in Catalysts I. The Adsorption of Nitrogen; Apparatus and Calculation," by B.C. Lippens, B.G. Linsen, and J.H. De Boer, <i>Journal of Catalysis</i> 3-32, (1964) pp. 32-37
AT	"Estimation of the Zeolite Content of a Catalyst From Nitrogen Adsorption Isotherms," by Marvin F. L. Johnson, <i>Journal of Catalysis</i> 52, (1978) pp. 425-431
AU	"Relationship Between Zeolite Framework Composition and Hydrocracking Catalyst Performance," by Richard Bezman, <i>Catalysis Today</i> , 13 (1992) pp. 143-156

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

- The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
- This is not a representation that a search has been made.